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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University of Ottawa, Faculty Of Science, Chemistry, Kanada 1977 - 1982

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1974 - 1976

Lisans, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1969 - 1974

Yaptığı Tezler

Doktora, Size and configurational factors in ionic hydration and ionization, University of Ottawa, Science, Chemistry, 1982

Yüksek Lisans, Contact angle measurements on calcite and colomanite systems in sodium dodecyl benzene sulphonate, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1976

Araştırma Alanları

Kimya, Analitik Kimya, Elektroanalitik Yöntemler, Fizikokimya, Çözelti Özellikleri, Çözeltiler, Termodinamik, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Akdeniz Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1993 - Devam Ediyor

Yönetilen Tezler

AYRANCI E., Daphne Sericea ve Daphne Gnidioides bitki ekstraktlarının bileşimlerinin ve antioksidan aktivitelerinin incelenmesi, Yüksek Lisans, T.Tongur(Öğrenci), 2014

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Investigation of the performance of activated carbon cloth to remove glyphosate, glufosinate, aminomethylphosphonic acid and bialaphos from aqueous solutions by adsorption/electrosorption**
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- II. **Adsorption and electrosorption of paraquat, diquat and difenzoquat from aqueous solutions onto activated carbon cloth as monitored by in-situ uv-visible spectroscopy**
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- VI. **Investigation of the composition and antioxidant activity of acetone and methanol extracts of Daphne sericea L. and Daphne gnidioides L.**
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- VIII. **Interactions of Imidazolium Based Ionic Liquids with Water Studied by Density and Speed of Sound Measurements: Effect of the Chain Length of an Alkyl Substituent on the Imidazolium Ion**
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- IX. **Flow-through electrosorption process for removal of 2,4-D pesticide from aqueous solutions onto activated carbon cloth fixed-bed electrodes**
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 ERKAN N., AKGONEN S., OVAT S., GOKSEL G., Ayranci E.
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- XXIII. **Antioxidant activities of Sideritis congesta Davis et Huber-Morath and Sideritis arguta Boiss et Heldr: Identification of free flavonoids and cinnamic acid derivatives**

- ERKAN N., ÇETİN H., Ayrancı E.
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Sahin M., Yesil Z., Gunel M., Tahiroglu S., Ayrancı E.
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- XXV. **Effects of structural isomerism on solution behaviour of solutes: Apparent molar volumes and isentropic compression of catechol, resorcinol, and hydroquinone in aqueous solution at T = (283.15, 293.15, 298.15, 303.15, and 313.15) K**
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- XXVI. **Electrochemically Enhanced Removal of Polycyclic Aromatic Basic Dyes from Dilute Aqueous Solutions by Activated Carbon Cloth Electrodes**
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- XXVIII. **Attachment of benzo-crown ethers onto activated carbon cloth to enhance the removal of chromium, cobalt and nickel ions from aqueous solutions by adsorption**
DUMAN O., Ayrancı E.
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- XXXV. **Density, sound velocity and viscosity properties of aqueous sodium metatungstate solutions and an application of these solutions in heavy mineral separations**
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- Ayranci E., DUMAN O.
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- XXXVII. **Antioxidant activities of rosemary (*Rosmarinus Officinalis* L.) extract, blackseed (*Nigella sativa* L.) essential oil, carnosic acid, rosmarinic acid and sesamol**
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- XXXVIII. **Interactions of polyethylene glycols with water studied by measurements of density and sound velocity**
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- XL. **Removal of anionic surfactants from aqueous solutions by adsorption onto high area activated carbon cloth studied by in situ UV spectroscopy**
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- XLI. **Viscosities, apparent molar volumes, expansivities and isentropic compressibilities of some fatty acids and their triglycerides in benzene at (20, 30, 40 and 60) degrees C**
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- XLII. **Kinetic and equilibrium studies on the removal of acid dyes from aqueous solutions by adsorption onto activated carbon cloth**
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- XLIII. **Adsorption of aromatic organic acids onto high area activated carbon cloth in relation to wastewater purification**
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- XLVI. **Moisture sorption isotherms of cowpea (*Vigna unguiculata* L. Walp) and its protein isolate at 10, 20 and 30 degrees C**
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- XLVII. **Adsorption behaviors of some phenolic compounds onto high specific area activated carbon cloth**
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- LIV. **Studies on removal of metribuzin, bromacil, 2,4-D and atrazine from water by adsorption on high area carbon cloth**
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- LVI. **A method for the measurement of the oxygen permeability and the development of edible films to reduce the rate of oxidative reactions in fresh foods**
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- LX. **Use of quasi-3-dimensional porous electrodes for adsorption and electrocatalytic removal of impurities from waste-waters**
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- LXI. **Removal of phenol, phenoxide and chlorophenols from waste-waters by adsorption and electrosorption at high-area carbon felt electrodes**
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- LXII. **Adsorption and electrosorption at high-area carbon-felt electrodes for waste-water purification: Systems evaluation with inorganic, S-containing anions**
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- LXIV. The effect of fatty acid content on water vapour and carbon dioxide transmissions of cellulose-based edible films**
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- LXXIV. THE EFFECT OF PROTEIN ISOLATE OF PISTACIA-TEREBINTHUS L ON MOISTURE TRANSFER PROPERTIES OF CELLULOSE-BASED EDIBLE FILMS**
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- LXXVI. DETERMINATION OF CHLORIDE AND NITRATE IN BUTTER, MARGARINE, CHEESE AND MEAT-PRODUCTS USING ION-SELECTIVE ELECTRODES**

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